Student name:

Student ID:

EECS login ID:

**Assignment 3 Report**

**Instruction**: Complete the report then convert it to PDF to submit.

**Academic Honesty Pledge**: I affirm that I have not given or received any unauthorized help in this assignment, and that this work is my own. Any authorized references are acknowledged below.

**Sign or type your name here**: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

**Problem 1**

**Function myAdd()**

* References: none
* Error conditions:
* Brief algorithm:
* Running time of the function (algorithm):
* Brief explanation of the running time:

**Function myRemove()**

* References: [www.resources.com/examples.html](http://www.resources.com/examples.html)
* Error conditions:
* Brief algorithm:
* Running time of the function (algorithm):
* Brief explanation of the running time:

**Function search()**

* References: zyBook, section xxx
* Error conditions:
* Brief algorithm:
* Running time of the function (algorithm):
* Brief explanation of the running time:

**Problem 2**

**Function strgLen**( s )

* References: <https://www.onlinereferences.org/strings.html>
* Error conditions (if any)
* Brief algorithm: The new element is added to the end of the current array as the last element.
* Running time of the function (algorithm): O(X)
* Brief explanation of the running time:

**Function strgCopy**( s, d )

* References: none
* Error conditions (if any)
* Brief algorithm:
* Running time of the function (algorithm): O(X)
* Brief explanation of the running time:

**Function strgChangeCase**( s )

* References: zyBook, section xxx
* Error conditions (if any)
* Brief algorithm:
* Running time of the function (algorithm):
* Brief explanation of the running time:

**Function strgDiff**( s1, s2 )

* References: zyBook, section xxx
* Error conditions (if any)
* Brief algorithm:
* Running time of the function (algorithm):
* Brief explanation of the running time:

**Function strgInterleave**( s1, s2, d )

* References: none
* Error conditions (if any)
* Brief algorithm:
* Running time of the function (algorithm): O(X)
* Brief explanation of the running time: